

1915

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## A HAPPY NEW YEAR

To Our Many Patrons and Friends

The First National Bank  
First Savings Bank & Trust Co.

Albuquerque, New Mexico

Combined Capital and Surplus Over \$700,000.00

HOLIDAY GENERALLY  
BEING OBSERVED  
IN CITYReceptions at Country Club,  
Woman's Club and City  
Hall; Dinner, Teas, Dances  
and Basketball.The New Year was ushered in with  
due ceremony in Albuquerque, but  
without undue noise. Whistles were  
blown, pistols cracked and at the hos-  
tels and cafes parties of celebra-  
tors and drank to the new twelve-  
month. The dinner dance at the Al-  
varado was largely attended.Today the Country club is holding  
a reception to mark the formal open-  
ing of Albuquerque's social center,  
and the Woman's club, the Parent-  
Teachers' association, Fortnightly  
club and Tuesday club are holding a  
reception at the Woman's club build-  
ing. City officials received visitors at  
the new city hall.Tonight the Woman's club will give  
a dance. There will be a double  
basketball bill and a dance at the ar-  
mory by the Albuquerque businesscolleges and the high school.  
Generally in the business district  
the day is being observed as a holi-  
day, and throughout the city the  
usual number of private dinner par-  
ties and afternoon affairs marked the  
occasion. Here and there some of  
the old-fashioned New Year's calling  
—the dropping in for a glass of wine  
and a nibble of cake and an exchange  
of well-wishing—was done, but to  
only a small extent.TAFT WOULD APPLY  
FOR EFFICIENCY TO  
THE GOVERNMENTEx-President of the United States  
William H. Taft made a tour of the  
huge plant of the Ford Motor com-  
pany on the occasion of his visit to  
Detroit December 2 last. In his ad-  
dress to the bankers' club of Detroit  
delivered the same evening, Mr. Taft  
pointed out what might be accom-  
plished in efficiency and economy for  
the people of the United States if  
Ford principles could be applied to  
government business organization in  
Washington.Mr. Taft, after his inspection with  
Mr. Henry Ford, said: "The Ford  
factory is a revelation to me. It's  
wonderful—but no more wonderful  
than Mr. Ford himself. I was amazed  
at the magnitude of the establish-  
ment. I can almost hear the wheels  
buzz and the machinery hum now.  
What a splendid organization this is  
that has been developed in a de-  
cade!"UNIVERSITY BOARD  
MAKES A RECORD  
IN FINANCEFirst Time in History of the  
Institution That Expendi-  
tures Have Been Inside the  
Appropriation.For the first time in its history the  
University of New Mexico was run  
within its appropriation during the  
biennial period just closed. The fact  
was emphasized by Dr. J. A. Reidy,  
secretary and treasurer of the board  
of regents, in connection with his bi-  
ennial report to Governor McDonald  
filed yesterday.Unexpected indebtedness had to be  
met, but in spite of that fact and the  
fact that \$12,500 was paid for more  
campus land and \$2,200 for improve-  
ments, the task of keeping within the  
appropriation was accomplished.  
There was a balance of \$460 on hand  
November 30, 1914.The report of the board shows that  
in the period covered—from Novem-  
ber 30, 1912, to November 30, 1914—the  
receipts of the University were  
\$109,248.51, and the disbursements  
\$109,847.44, leaving a balance, as  
mentioned, of \$461.07. The state-  
ment of receipts includes the balance  
on hand at the opening of the fiscal  
year of 1913 amounting to \$1,274.92.  
The lands income fund shows a bal-  
ance of \$5,562.22 and receipts of  
\$17,468.21, making a total of \$23,-  
030.43. The permanent lands fund  
shows a balance of \$2,092.22 and re-  
ceipts during the two years of \$317,-  
97, a total of \$320,062.20. According  
to the balance sheet of the University,  
the campus, totaling 315 acres, has  
a value of \$180,000. A total value of  
\$192,411.20 is placed on all resources  
with the exception of the state lands  
belonging to the University. It is  
stated that the University officers  
have no data from the land office on  
which to base an estimate of the  
value of these lands.The report shows that during the  
school year 1913-14 the total enroll-  
ment was 199, and for the school  
year 1914-15, 154.The regents advised Governor Mc-  
Donald that at a meeting to be held  
soon the needs of the University will  
be reviewed, and recommendations in  
connection with them made in a sup-  
plementary report.McGRATH COMES AFTER  
ALLEGED HORSETHIEFSheriff McGrath, of Grant county,  
arrived from Silver City today to take  
charge of Robert E. Smith, alleged  
horse thief, caught here yesterday af-  
ternoon.  
Sheriff McGrath confirmed Smith's  
statement to Chief McMillin that thecase was six years old. The sheriff  
said he had spent five years and more  
than \$1,400 in the hunt for Smith.  
Three long and fruitless trips, twice  
to Los Angeles, the sheriff made after  
the prisoner.The prisoner is charged with the  
theft of 32 horses in Grant county.  
McGrath said he was wanted in two  
other places besides Silver City.Since the six-year chase was be-  
gun Smith has married. His wife  
and two children came here with him,  
and Chief McMillin's sympathy was  
moved when they came to the station  
after the man's arrest. It is said the  
girl knew nothing of Smith's record  
when she married him. The arrest  
seems to have left her heartbroken.GETS HIS BOND AS  
STATE COLLEGE  
TREASURERP. F. McCanna Expects to  
Draw Checks for Institution  
Tomorrow; Will Demand  
Surety Liquidation.P. F. McCanna today received his  
bond as treasurer of the board of re-  
sents of the state college from the  
surety company and forwarded it at  
once to Santa Fe for official approb-  
ation.He expects the last formality to be  
disposed of without delay so that he  
will be in position to draw checks as  
treasurer tomorrow. That will mark  
the end of the difficulty in which the  
college found itself when the First  
State bank of Las Cruces failed, try-  
ing up nearly \$50,000 of college  
funds. The First National bank of  
this city has agreed to advance the  
money necessary to carry on the col-  
lege work until such time as the in-  
stitution collects under the surety  
bond guaranteeing the deposit in the  
Las Cruces bank.One of the first things Mr. Mc-  
Canna will do when he is vested with  
full legal authority as treasurer is to  
present a demand for the liquidation  
of the surety obligation.MOVIE STARS DUE  
HERE AT UNHOLY  
HOUR OF 3 A. M.The Biograph special train, bearing  
picture-taking equipment, producing  
managers and moving picture stars  
from New York to Los Angeles, is  
due to arrive in this city at 3 o'clock  
tomorrow morning. It is not known  
how long the train will remain here,  
and the chances are said to be  
against a long pause, so that it be-  
lieved the untimely girl to stay up  
tonight if she wants to make sure of  
getting glimpses of some of her idols.The train consists of eleven cars,  
solid steel equipment. It travels on  
its own time. The travelers and their  
financial overloads have no objection  
to loitering here and there in order  
to give the populace a chance to  
gaze.Every year, at this season, a simi-  
lar train has transported the Bio-  
graph players to Los Angeles, be-  
cause climatic conditions are all-im-  
portant to the making of good pic-  
tures; but this is the first time that  
seven companies have been sent to  
the coast at once, and the unthink-  
ing has taxed the resources of the  
train men. For more than a week  
the yards at 14th street and the Hae-  
len River have overflowed with in-  
numerable crates and wardrobe  
trunks containing the scenery, cos-  
tumes, cameras, and other essentials  
of the trip. Four seventy-foot bag-  
gage cars barely sufficed to carry this  
mass of material, all destined for use  
in motion pictures which the Bio-  
graph company will produce during  
the next six months in the land of  
sunshine and flowers.Ten automobile storage trucks made  
many trips from the Biograph stud-  
ios on East 175th street to the yards.  
When the cars were packed and sealed  
they were run out on a barge and  
floated down the Harlem and East  
rivers to the Lackawanna yards in  
Hoboken, where the special was made  
up with the addition of five Pullman  
a buffet car, diner, and a special car  
in which editorial conferences and  
rehearsals will be conducted en route.Promptly at 9:45 o'clock the party  
assembled at the station. Among the  
crowd of more than 125 passengers  
were some of the most popular actors  
and actresses appearing on the  
screen, seven directors, the managing  
director and a corps of assistants,  
camera men, the stage director, prop-  
erty men, the stage manager and his  
assistants, photographic experts, the  
wardrobe mistress and her coterie of  
dressmakers, and film assemblers who  
piece short lengths into the finished  
"sample" of the picture.The train was sent on its way at 10  
o'clock. It will be run on its own  
special schedule, but the station mas-  
ter in every city will be able to tell  
inquirers when the Biograph special  
is expected.ALFALFA YIELD VARIES  
WITH AMOUNT OF WATER  
APPLIED IS DISCOVEREDA recent bulletin of the experiment  
station at Mesilla Park shows that  
the yield of alfalfa on mesa lands  
varies directly with the amount of  
water used, within certain limits. The  
bulletin is as follows:If corn is kind, then alfalfa is the  
queen of American crops. This  
wonderful crop has been the founda-  
tion of successful irrigation agricul-  
ture in the United States. Alfalfa  
is especially suited as a crop for New  
Mexico, as it thrives best in an arid  
or semi-arid climate such as we  
have. It grows well on new land  
when once started and acts as host  
for nitrogen fixing bacteria which  
materially increase the fertility of the  
soil. Properly irrigated and culti-vated, large yields of alfalfa may be  
expected for years from the same  
land.For determining the proper meth-  
ods of irrigation and the best amount  
of water to use on the gravelly soils  
of the New Mexico mesa lands, an  
experiment has been started at the  
agricultural experiment station this  
year on the tract known as the Mesa  
Plats. The soil of the Mesa Plats is  
similar to that found on the mesa  
elsewhere throughout the state. Four  
soil types are recognized, series I, II,  
III and IV having respectively six or  
more, four to six, two to four and two  
feet of sandy loam over layers of  
gravel. In each series there are  
twelve plats utilized as follows:

No. of Plats	Depth of Each Irrigation	Surface Inches	Condition of Plats
4	4	20	10R 1F
4	2	20	10R 1F
4	2	20	10R 1F
4	2	20	10R 1F

C signifies a plot having the seed  
planted by drilling, twenty pounds  
per acre being used.R signifies a plot in which five  
pounds of seed per acre was planted  
in rows thirty inches apart.F signifies a plot which was leveled  
and fallowed.The moisture in the soil was kept  
near the optimum by taking samples  
to a depth of six feet every ten days;  
whenever a plot showed need of wa-  
ter it was irrigated. The irrigation  
water was pumped from a well pit  
about seventy feet deep by an electric  
motor, belt connected to a Quinich,  
two-stage centrifugal pump. The  
water was measured over a (Gippslet)  
weir having a crest two feet in length  
and was distributed to the plats with  
a very little leakage loss. The flood-  
ing method of irrigation was used.Some of the results from the first  
three cuttings of the first year's  
growth are given below. It must be  
kept in mind that these figures are  
for one season's work only and that  
future experimenting may change the  
relations slightly.Amount of water used on soils of  
different depths: Total depth of box  
water used: Series I, 29.9 inches; se-  
ries 2, 22.1 inches; series 3, 25.0

inches; series 4, 28.0 inches.

The plats of each series were treat-  
ed alike in every way, so the differ-  
ences in the amount of water used  
was due to the difference in the soil  
itself. On deep soils practically all  
of the irrigation water can be stored  
in the soil for the subsequent use of  
the growing crop. As the surface  
soils decrease in depth greater atten-  
tion must be given to the precise  
methods of irrigation in order that  
the minimum amount of water will  
be lost by percolating into the porous  
gravel below.Total amounts of water used when  
the depth at each irrigation was  
varied: Depth applied at each irri-  
gation, 2 in., 3 in., 4 in., 5 in. Total  
depth of water used, 29.9 in., 23.3 in.,  
24.5 in., 25.9 in.Plants require a certain amount of  
water for their growth. Any water  
in excess of this amount is lost about  
not only does no good but it increases  
the bill for water and may eventu-  
ally injure the soil as well. Light  
irrigations in shallow soils are best,  
since most of the moisture will then  
remain within reach of the plant  
roots.The crop yield depends on the  
amount of water used.The total amounts of water used  
on the different plats varied from ap-  
proximately ten to forty inches. The greater the  
amount of water used, the greater was  
the yield of crop. This does not  
mean that an extravagant use of wa-  
ter will insure large returns. Many  
factors must be considered in the  
proper use of water, and while the  
yield increases up to a certain point  
with increased amount of irrigation  
water, excessive irrigation, everything  
else considered, will always be detri-  
mental to the best results.RED AND WHITE COLORS  
OF NEW MOTORCAR TAGSThe police department has received  
word from the office of the secretary  
of state that the 1915 automobile li-  
cense tags will be red, with letters  
and figures in white. They will be  
instantly differentiated from the  
1914 tag.

## Happy New Year

The National Woolen Mills have enjoyed a  
most excellent business during the year just  
closed, and to those who have enabled us to re-  
cord these facts, and to all others, we wish a  
Happy, Prosperous New Year.We invite you to come in at any time and in-  
spect our large line of Woolens.

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